

## ABSTRACT

It is an object of the present invention to provide a stable process for continuously producing a synthetic resin film oriented in the machine direction across the full width. The present invention provides a process for producing a synthetic resin film including step (A) of casting and applying a composition containing a polymer and an organic solvent onto a support to form a gel film; step (B) of stripping the gel film and heating the gel film with both ends being fixed; and step (C) of heating the film with both ends being released after step (B), wherein the thickness  $b$  of the film produced in step (B) and the thickness  $c$  of the film produced in step (C) satisfy the relationship:

$$b > c.$$